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Cc: Blackburn, Elizabeth[Blackburn.Elizabeth@epa.gov]; Kuhn, Kevin[Kuhn.Kevin@epa.gov]; Zarba, Christopher[Zarba.Christopher@epa.gov]; Allen, Reginald[Allen.Reginald@epa.gov]
From: Johnston, Khanna
Sent: Wed 10/4/2017 3:58:23 PM
Subject: FW: SAB Weekly Report October 4, 2017

Good Morning Richard,

Please find attached the Science Advisory Board's weekly update for October 4th. RTR Meeting FRN Package will be forwarded to OP later this week (highlighted in Green below so you can please share a heads up with OP as needed), and Membership, may elevate to a hot issue once names are announced for CASAC and SAB. Flagging for you to please prepare OPA and COS. Please don't hesitate to call, if you have questions or need additional information. Chris will be on AL Thursday and CDO Friday (Oct 5-6). Aaron remains on AL, and Tom/Sue will be CDO. I will be in. Please call me (202)564.2820, if we can assist.

Thank you, khanna

HOT ISSUES:

--(none)

UPCOMING EVENTS:

Final Report: SAB 2017 Recommendations for the Agency's Scientific and Technological Achievement Awards (STAA)

On September 26, 2017, the Science Advisory Board finalized its 2017 Recommendations for the Agency's Scientific and Technological Achievement Awards (STAA) in a Report to the Administrator. The STAA awards are established to honor and recognize EPA employees who have made outstanding contributions in the advancement of science and technology through their research and development activities, as exhibited in publication of their results in peer-reviewed journals. The Board provides recommendations to the Administrator each year. The final report will be posted on SAB's website after EPA's Office of Research and Development (ORD) announces and posts the 2017 STAA winners.

Final Report: CASAC Review of the EPA's Integrated Science Assessment for Oxides of Nitrogen, Oxides of Sulfur, and Particulate Matter – Ecological Criteria

On September 28, 2017, the Clean Air Scientific Advisory Committee (CASAC) completed its review of EPA's Integrated Science Assessment for Oxides of Nitrogen, Oxides of Sulfur, and Particulate Matter – Ecological Criteria (First External Review Draft) and transmitted its report to the Administrator. The report was completed as part of the ongoing review of the secondary (welfare-based) national ambient air quality standards (NAAQS) for oxides of nitrogen, oxides of sulfur, and particulate matter. The CASAC report is posted on the CASAC website at www.epa.gov/casac.

Final Report: SAB Advice on the Use of Economy-Wide Models in Evaluating the Social Costs, Benefits, and Economic Impacts of Air Regulations

On September 29, 2017, the Science Advisory Board completed a review on the use of economy-wide models in evaluating the social costs, benefits and economic impacts of air regulations in a report to the Administrator. The SAB transmitted its report to the Administrator to respond to a request from EPA's National Center for Environmental Economics to evaluate the merits of using economy-wide models as a supplement to EPA's existing analytical tools for cost-benefit analyses. The SAB's Economy-Wide Modeling Panel met over two years to develop advice documented in a 165-page report on the use of economy-wide models. The SAB final report is posted at:

[https://yosemite.epa.gov/sab/sabproduct.nsf/4B3BAF6C9EA6F503852581AA0057D565/\\$File/EPA-SAB-17-012.pdf](https://yosemite.epa.gov/sab/sabproduct.nsf/4B3BAF6C9EA6F503852581AA0057D565/$File/EPA-SAB-17-012.pdf).

Final Report: SAB's Recommendations of EPA's Draft Toxicological Review of Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)

On September 29, 2017, the Science Advisory Board completed a review of the draft assessment, Draft Toxicological Review of Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX). EPA's National Center for Environmental Assessment (NCEA)'s draft assessment is based on a review of available scientific literature on the toxicity of RDX. NCEA asked the SAB to comment on the scientific soundness of the hazard and dose-response assessment of RDX-induced cancer and non-cancer health effects. In response to EPA's request, the SAB convened a panel of the SAB Chemical Assessment Advisory Committee (CAAC) with additional subject matter experts. The SAB Panel provided recommendations to enhance the clarity and scientific soundness of the conclusions contained in the RDX assessment. The SAB final report is posted at:

[https://yosemite.epa.gov/sab/sabproduct.nsf/LookupWebReportsLastMonthBOARD/386D95984D23ABA7852581AA0057D565/\\$File/EPA-SAB-17-011.pdf](https://yosemite.epa.gov/sab/sabproduct.nsf/LookupWebReportsLastMonthBOARD/386D95984D23ABA7852581AA0057D565/$File/EPA-SAB-17-011.pdf).

UPCOMING MAJOR DECISIONS

Membership: List of Candidates for CASAC– Comment period closed 9/18/17

Key Message: The List of Candidates (names and biosketches of qualified candidates) for CASAC was posted on the CASAC website on August 28, 2017, to allow the public to provide relevant information or other documentation on nominees that should be considered in evaluating candidates during the 21-day public comment period. Public comment closed September 18th. Briefings are being conducted to provide recommendations based on staff review of information requested. The Administrator will select members after nominations have been evaluated.

Membership: List of Candidates for SAB – Comment period closed 9/28/17

Key Message: The List of Candidates (names and biosketches of qualified candidates) for SAB was posted on the SAB website on September 7, 2017, to allow the public to provide relevant information or other documentation on nominees that should be considered in evaluating candidates during the 21-day public comment period. The 21-day public comment period closed September 28th. Briefings are being conducted to provide recommendations based on staff review of information requested. The Administrator will select members after nominations have been evaluated.

Membership: List of Candidates for SAB Standing Committees posted for Public Comment--Comment period will close 10/9/17

Key Message: On September 18, 2017, the SAB Staff offices posted the names and biosketches of interested, qualified candidates on its website for six SAB Standing Committees: the Chemical Assessment Advisory Committee (CAAC), Environmental Engineering Committee (EEC), Radiation Advisory Committee (RAC), Drinking Water Committee (DWC), Environmental Economics Advisory Committee (EEAC) and Environmental Processes and Effects Committee (EPEC), allowing the public an opportunity to provide relevant information or other documentation on nominees that the SAB Staff Office should consider in evaluating candidates. The 21-day public comment period closes October 9 . Briefings will be scheduled to provide recommendations based on SABSO review and FACMD/OGC Balance Reviews. The Administrator will select members after nominations have been evaluated.

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Public Meeting: SAB RTR Method Review Panel Teleconference December 5th, 2017.

A Federal Register Notice will be submitted to OP this week to announce a public teleconference of the SAB RTR Method Review Panel. The purpose of the teleconference (to be held from 11-3pm on December 5, 2017) is to review the draft panel report responding to the Agency's request for SAB Peer Review of the document: "*Screening Methodologies to Support Risk and Technology Reviews (RTR): A Case Study Analysis.*" The effort supports the Agency's ongoing

RTR analyses required under Title I of the CAA. Several specific RTR analyses evaluating residual risks under promulgated NESHAP's are due by court ordered deadlines over the next two years. Briefings will be scheduled.

PAST WEEK ACCOMPLISHMENTS

Advice: CASAC and SAB Reports transmitted September 29, 2017

The Science Advisory Board and Clean Air Scientific Advisory Committee transmitted several reports to the EPA Administrator to close out projects from FY 2017. The Clean Air Scientific Advisory Committee completed its review of EPA's Integrated Science Assessment for Oxides of Nitrogen, Oxides of Sulfur, and Particulate Matter – Ecological Criteria (First External Review Draft). The report is available on the CASAC website at www.epa.gov/casac. The Board completed quality reviews of: (1) EPA's Draft Assessment entitled Toxicological Review of Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX); (2) Economy-wide Modeling of the Benefits and Costs of Environmental Regulation and (3) 2017 Recommendations for the Agency's Scientific and Technological Achievement Awards. The first two SAB reports are available on the SAB website at www.epa.gov/sab. The STAA report will be embargoed until ORD completes award notifications.

Public Meeting: SAB CAAC briefed September 27-28, 2017

The Science Advisory Board (SAB) Chemical Assessment Advisory Committee (CAAC) was briefed on September 27-28th by EPA's National Center for Environmental Assessment (NCEA) on the content and presentation of assessment products to be released at early stages of draft development. These products represent an update to the materials released for the purposes of early stakeholder engagement, as outlined in the "IRIS enhancements" (2013). These materials are expected to add transparency to draft development, while simultaneously increasing throughput and responsiveness to Agency needs.

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